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ABSTRACT OF THE DISCLOSURE

A system and method is described for installing a new memory into a redundant array of independent memories. The method comprises initiating a duplication function in a processor, transmitting an empty data indication from the new memory to the processor, and replicating application data from a first old memory to the new memory. An embodiment of the system comprises a processor, a bus in communication with the processor, a first memory in communication with the processor in a first data path removed from the bus, and a second memory in communication with the processor in a second data path removed from the bus and having an empty memory indicator so that, in response to the second memory containing no application data, it provides a corresponding indication to the processor.